ABSTRACT

A device for extending a character region in an image comprising an input part for receiving an input image, a block classification part for classifying the input image into character blocks and background blocks, and converting pixels in the character blocks into pixels having a first brightness value and pixels in the background blocks into pixels having a second brightness value, and a position search part for searching for left, right, top and bottom positions of a character region by horizontally and vertically scanning the block-classified image, and determining a position of the character region. The device for extending a character region in an image further comprises a region of contents (ROC) extraction part for extracting an image in the determined position of the character region from the input image, and an ROC extension part for extending the extracted image of the character region to a size of the input image.